

Swapping Pairs of Characters in a String in Java

The given string contains even number of characters. Therefore, we swap every pair of characters.

```
str = "Java"  
aJav
```

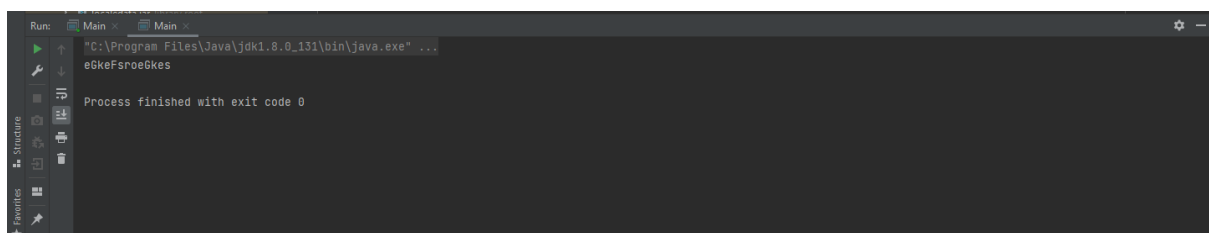
```
str = "GeeksForGeeks"  
eGkeFsroeGkes
```

The given string contains odd number of characters. Therefore, we swap every pair of characters and last character remains as it is.

PROGRAM :

```
package com.company;  
class Main {  
    public static String swapPair(String str) {  
        if (str == null || str.isEmpty())  
            return str;  
        char[] ch = str.toCharArray();  
        for (int i = 0; i < ch.length - 1; i += 2) {  
            char temp = ch[i];  
            ch[i] = ch[i + 1];  
            ch[i + 1] = temp;  
        }  
        return new String(ch);  
    }  
    public static void main(String args[]) {  
        String str = "GeeksForGeeks";  
        System.out.println(swapPair(str));  
    }  
}
```

OUTPUT :

A screenshot of a Java IDE's Run window. The window title is 'Run: Main'. It shows the command 'C:\Program Files\Java\jdk1.8.0_131\bin\java.exe ...' and the output 'eGkeFsroeGkes'. Below the output, it says 'Process finished with exit code 0'. The IDE interface includes a toolbar with icons for Run, Stop, Debug, and other actions, and a sidebar with 'Favorites' and 'Structure' views.